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(54) Title: FOOD AND VITAMIN PREPARATIONS CONTAINING THE NATURAL ISOMER OF REDUCED FOLATES

(57) Abstract

A composition for human or animal consumption for supplying folate which includes a natural isomer of reduced folate, such as (6S)-tetrahydrofolic acid, 5-methyl-(6S)-tetrahydrofolic acid, 5-formyl-(6S)-tetrahydrofolic acid, 10-formyl-(6R)-tetrahydrofolic acid, 5,10-methylene-(6R)-tetrahydrofolic acid, 5,10-methylene-(6R)-tetrahydrofolic acid, 5-formimino-(6S)-tetrahydrofolic acid, and their polyglutamyl derivatives is disclosed. Such compositions include multivitamin preparations (with or without minerals and other nutrients); breakfast foods such as prepared cereals, toaster pastries and breakfast bars; infant formulas; dietary supplements and complete diet and weight-loss formulas and bars; animal feed (for example pet foods) and animal feed supplements (such as for poultry feed). The amount of the natural isomer of a reduced folate in a composition for human consumption can range between about 5 % and about 200 % of the daily requirement for folic acid per serving or dose.

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